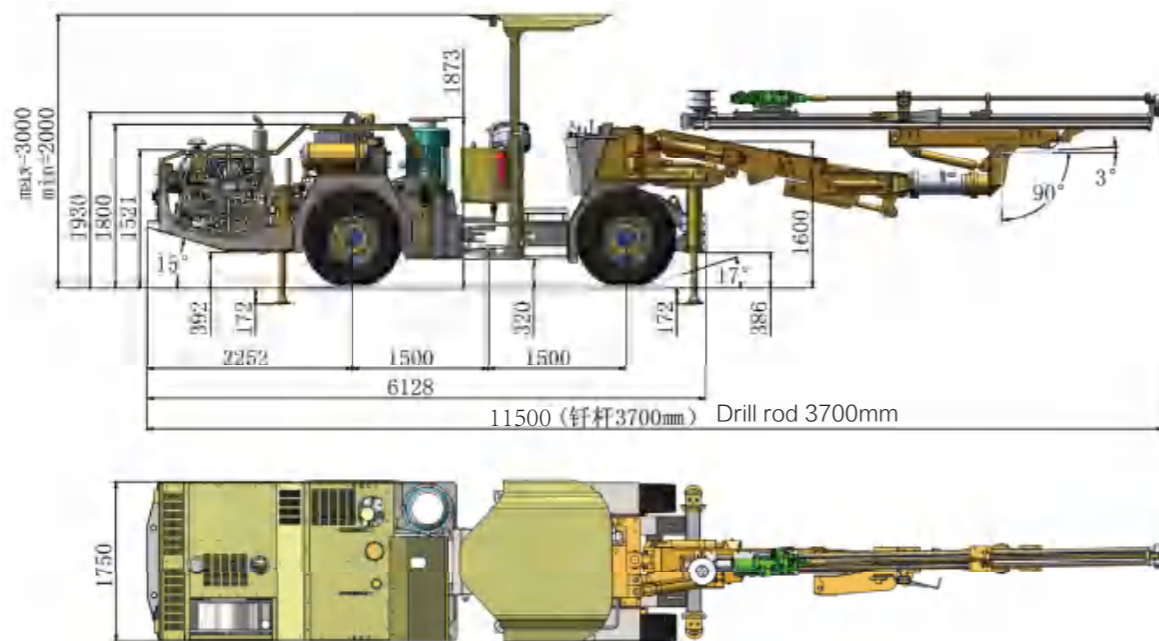
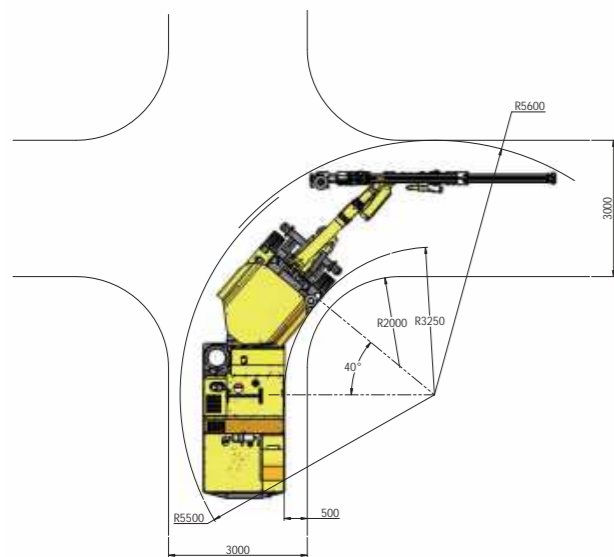


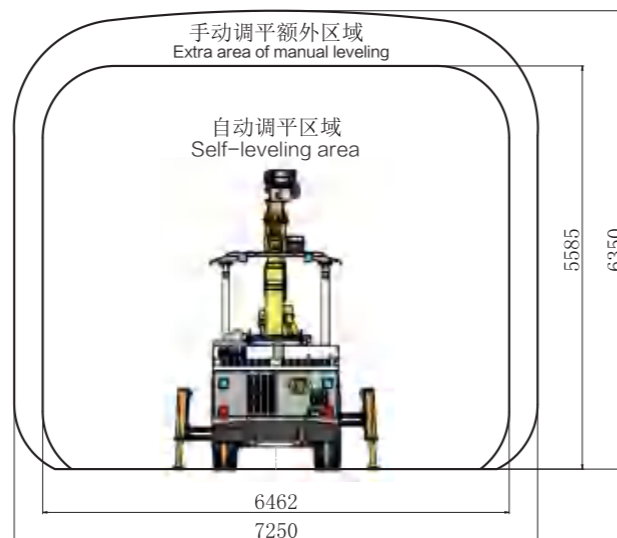
外形尺寸 / Dimensions



转弯示意 / Turning Diagram



断面示意 / Coverage area



KJ311型矿用液压掘进钻车

KJ311 Hydraulic Tunnelling Drilling Rig



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KJ311型 矿用液压掘进钻车

KJ311 Hydraulic Tunnelling Drilling Rig

KJ311型矿用液压掘进钻车适用于12-35m²断面的硬岩矿山掘进作业。

KJ311 hydraulic tunnelling drilling rig is suitably qualified for the drilling of hard rock mine whose section falls in the range of 12—35 square meters.



- 坚固的万向大臂具有最佳断面覆盖形状，推进梁360°翻转和自动持平便于快速方便地实现钻孔定位；钻臂同时还可用于侧向开石门和锚杆钻孔作业；

- The firm flexible boom is capable of optical coverage of the section; 360° rotation and self-leveling beam make drill positioning easy; It can also be used for the drilling of lateral cross-cut and rock bolt;

- 钻车布置确保司机视野良好；布置平衡，强劲有力的四轮驱动铰接底盘确保在狭窄巷道中能够灵活，快速，安全行驶；

- The drill rig provides a good view for the operator; balanced layout and the articulated chassis of four-wheel drive ensure the flexible, fast and safe driving in the narrow tunnel;

- 高频冲击凿岩机采用梯级活塞优化了冲击波传递效率，提高钻进速度，降低钎具消耗并提高设备的完好率；

- The stepped piston is used for the high-frequency impacting rock drill and this can improve the transmission efficiency of impact wave and drilling speed and reduce the consumption of drilling tools and make it in good condition;

- 宽敞的作业空间和一系列自动功能有助于司机集中精力安全、快速、准确地钻进；

- Considerable space and automatic functions enable the driver to concentrate on drilling in a safe, fast and accurate manner;

- 各个维修保养部位均受到良好的保护，同时又易于维护保养；

- All the relevant parts are kept in good protection, meanwhile easy to maintain.

外形尺寸与重量 / Dimensions and weight

长度 / Length	11500mm
宽度 / Width	1750mm
高度 / Height	2000/3000 mm
重量 / Weight	约12000 kg /Appr. 12000kg
行驶速度(水平) Tramming speed on flat ground	10km/h
最大爬坡能力 Maximum climbing capacity	25%(14°)

安全防护 / Safety protection

噪音水平 / Noise level	<100dB(A)
可升降安全顶棚 Lifting safety roof	FOPS & ROPS认证

风水路系统 / Air & water system

空压机 /Air compressor	DLGF 0.7/8-5.5(B)
排量 /Capacity of air compressor	0.7m ³ /min
压力 /Pressure	6-8bar
钎尾润滑装置 Device of shank lubrication	电磁脉冲润滑泵 Electronic pulse lubrication pump
润滑油气量 Air consumption of lubrication	0.3m ³ /min
润滑油油量 Oil Consumption of lubrication	180-250g/h
水泵功率 Power of water pump	1.5kW 4kW
水泵排量 Capacity of water pump	3m ³ /h 5.8m ³ /h

底盘 / Chassis

柴油机 Diesel engine	Cummins B3.9CS4-80C 59KW/2500rpm
传动系统 Drive system	四轮驱动闭式行走系统 Closed hydraulic system for four-wheel driving
摆动角 Swing angle	后桥摆动±10° Swing of rear axle: ±10°
转向机构 Steering mechanism	±40°铰接转向 Articulated steering: ±40°
行车制动 Travelling braking	双回路液压制动器 Two-circuit hydraulic brake
驻车制动 Parking braking	减速器多盘湿式制动器 Wet multidisc brake of reducer
燃油箱 Fuel tank	60L

钻进系统 / Drilling system

凿岩机/Rock drill	HC50	18U	HCL95LMH/22U
钎尾尺寸/Rod size	R38 / T38	T38	R38 / T38
冲击功率/Impact power	13KW	18KW	21KW / 22KW
频率/Impact Frequency	62Hz	57Hz	62Hz / 53Hz
孔径/Hole diameter	Φ32-76mm	Φ42-89mm	Φ42-102mm
推进梁翻转/Beam rotation		360°	
推进梁补偿行程/Feed extension		1600mm	
钻臂型号/Model of drill boom		K 26F	
钻臂形式/Form of drill boom		自动持平/Self-leveling	
钻臂伸缩/Boom extension		1200mm	